

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042070.D
 Acq On : 27 Jun 2024 13:28
 Operator : JC/MD
 Sample : P3025-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240620002-07-TRIP-BLANK

Quant Time: Jun 28 04:02:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

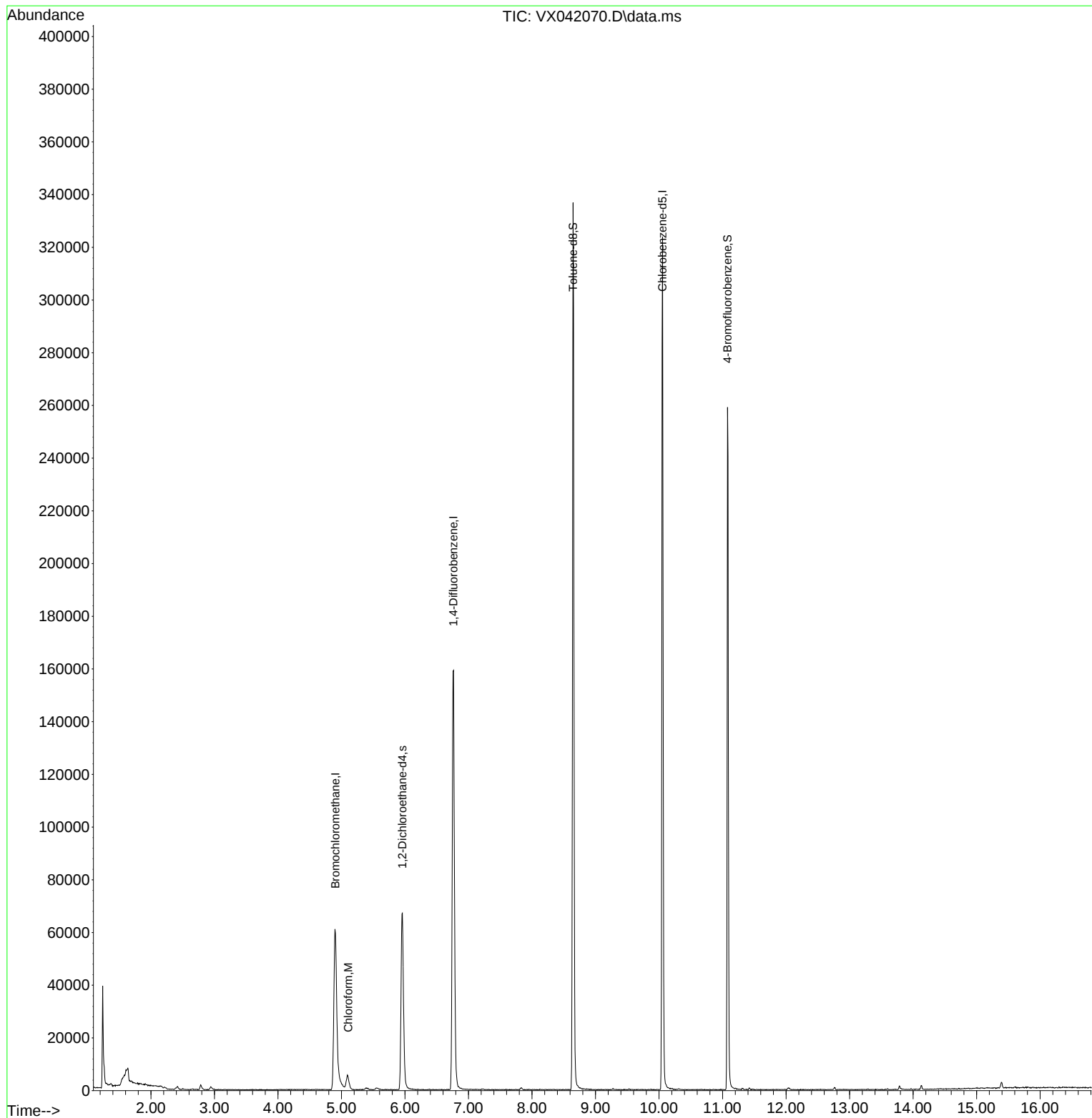
Internal Standards						
1) Bromochloromethane	4.904	128	32516	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	185606	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	164645	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	65163	29.112	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.033%
60) 4-Bromofluorobenzene	11.079	95	69209	27.156	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.533%
63) Toluene-d8	8.647	98	207781	29.497	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.333%
Target Compounds						
25) Chloroform	5.105	83	6852	1.903	ug/l	Qvalue 92

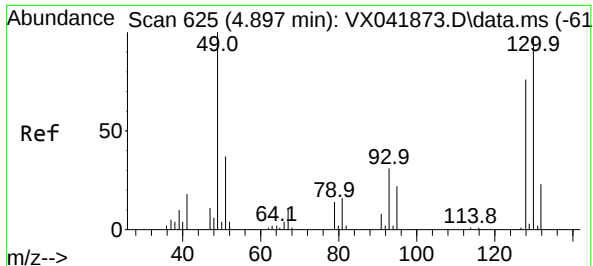
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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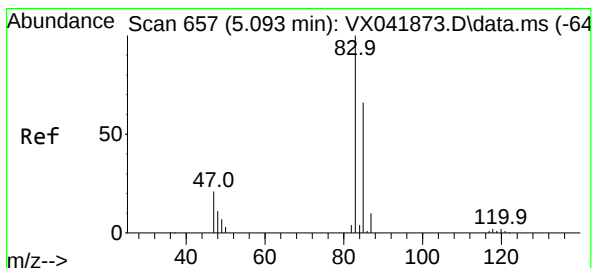
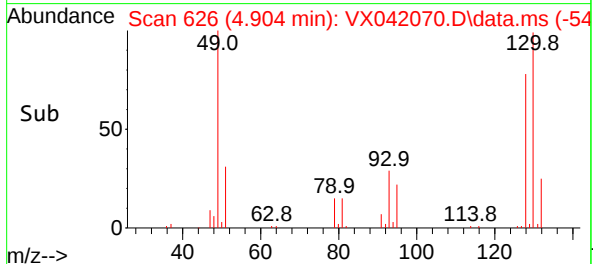
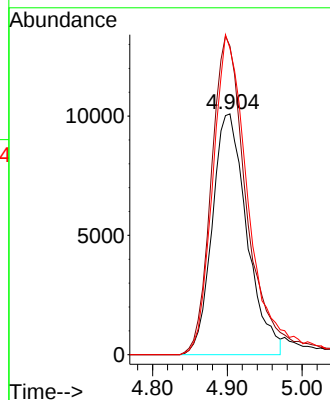
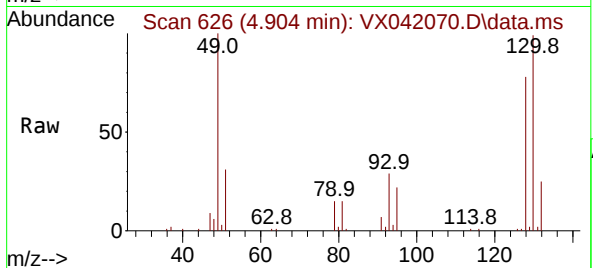




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042070.D
Acq: 27 Jun 2024 13:28

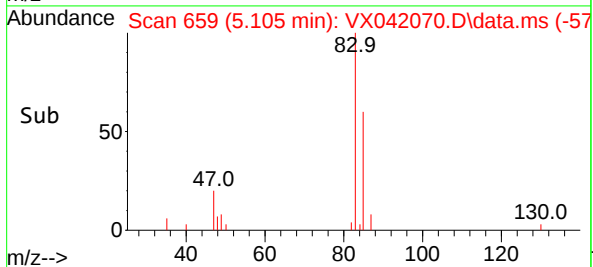
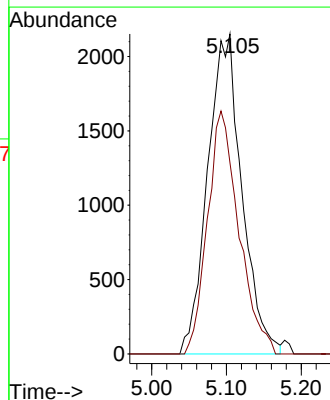
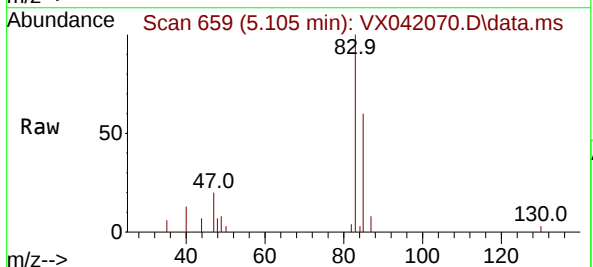
Instrument :
MSVOA_X
ClientSampleId :
240620002-07-TRIP-BLANK

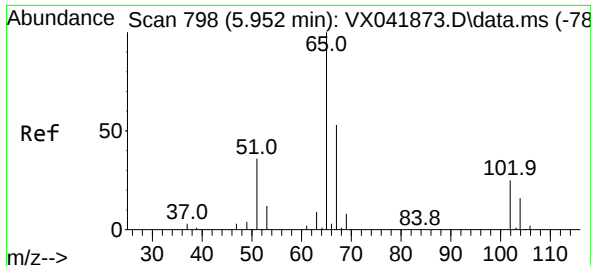
Tgt Ion:128 Resp: 32516
Ion Ratio Lower Upper
128 100
49 137.6 0.0 338.5
130 135.0 0.0 324.5



#25
Chloroform
Concen: 1.903 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX042070.D
Acq: 27 Jun 2024 13:28

Tgt Ion: 83 Resp: 6852
Ion Ratio Lower Upper
83 100
85 59.8 52.7 79.1





#27

1,2-Dichloroethane-d4

Concen: 29.112 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042070.D

Acq: 27 Jun 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

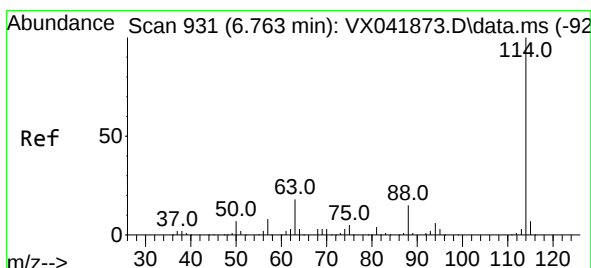
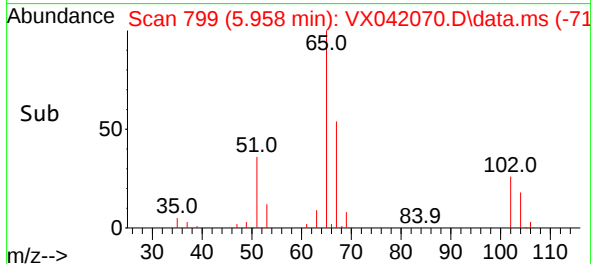
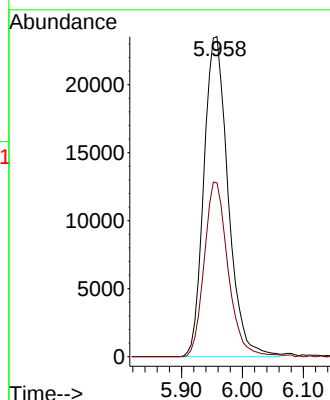
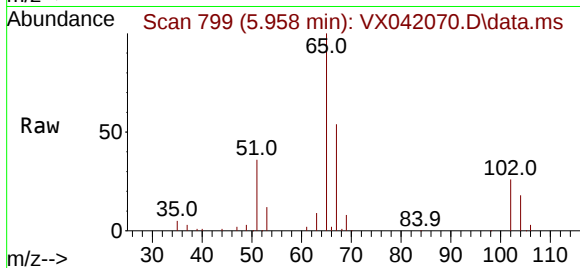
240620002-07-TRIP-BLANK

Tgt Ion: 65 Resp: 65163

Ion Ratio Lower Upper

65 100

67 53.6 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042070.D

Acq: 27 Jun 2024 13:28

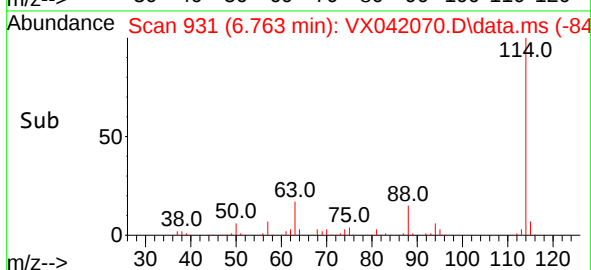
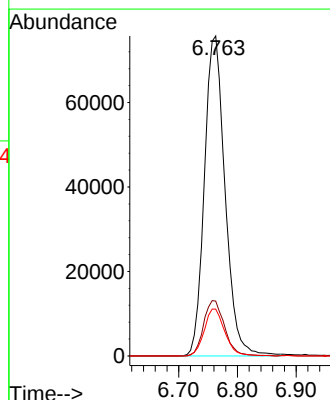
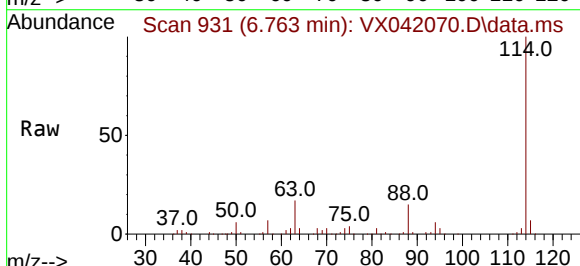
Tgt Ion: 114 Resp: 185606

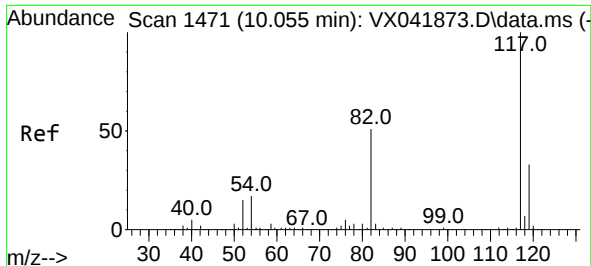
Ion Ratio Lower Upper

114 100

63 17.5 14.6 21.8

88 14.5 11.8 17.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042070.D

Acq: 27 Jun 2024 13:28

Instrument :

MSVOA_X

ClientSampleId :

240620002-07-TRIP-BLANK

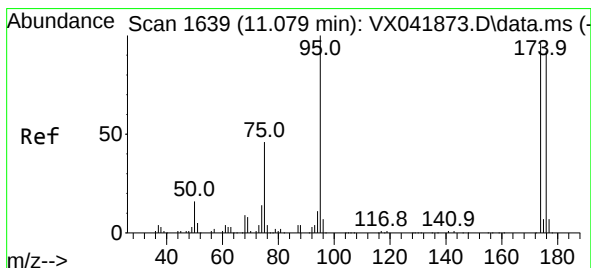
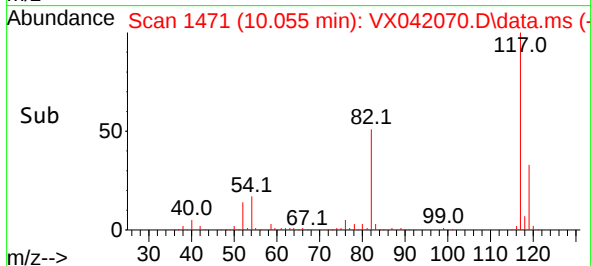
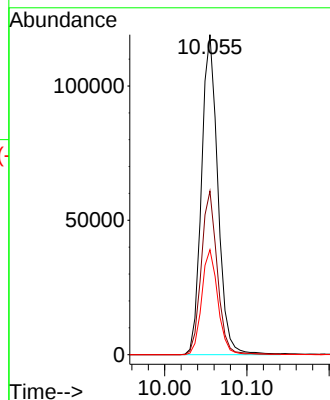
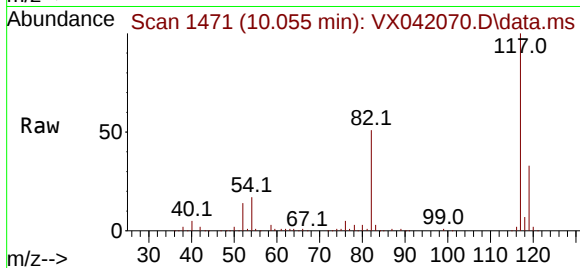
Tgt Ion:117 Resp: 164645

Ion Ratio Lower Upper

117 100

82 50.2 41.1 61.7

119 32.2 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 27.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042070.D

Acq: 27 Jun 2024 13:28

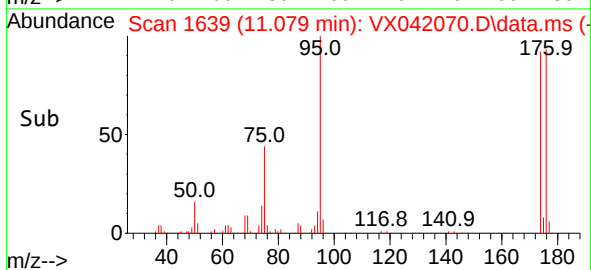
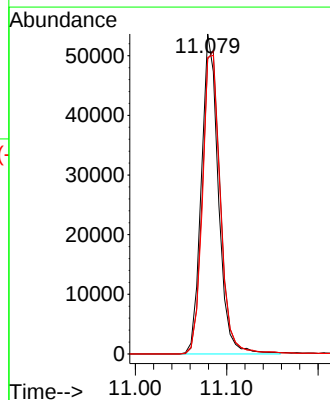
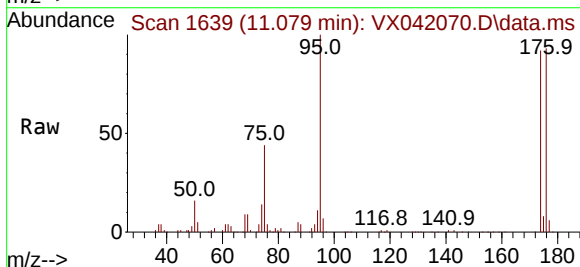
Tgt Ion: 95 Resp: 69209

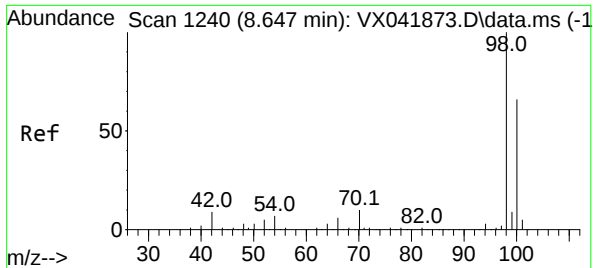
Ion Ratio Lower Upper

95 100

174 100.5 78.9 118.3

176 97.7 77.1 115.7





#63
 Toluene-d8
 Concen: 29.497 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042070.D
 Acq: 27 Jun 2024 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 240620002-07-TRIP-BLANK

Tgt Ion: 98 Resp: 207781
 Ion Ratio Lower Upper
 98 100
 100 67.0 52.7 79.1

